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Customer Number

Patent  
Case No.: 58392US002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: FAN, XUDONG

Application No.: 10/685208

Group Art Unit: 2877

Filed: October 14, 2003

Examiner: Richard A. Rosenberger

Title: POROUS MICROSPHERE RESONATORS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTMail Stop: Amendment  
Commissioner for Patents  
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Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]

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May 24, 2006

Date

Jessica L. Nolan

Signed by: Jessica L. Nolan

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

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This Information Disclosure Statement is being mailed after receipt of a first Office Action on the merits, but prior to the mailing of a Notice of Allowance under 37 CFR § 1.311. Please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p) to Deposit Account No. 13-3723, and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

Respectfully submitted,

Date

05/24/2006

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3M Innovative Properties Company  
Facsimile No.: 651-736-3833

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Page 1 of 2

Application Number

10/685208

Filing Date

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First Named Inventor

Fan, Xudong

Confirmation Number

4078

Attorney Case Number

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## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 6,507,684 B2	01-14-2003	Tapalian et al.	
	A2	US- 6,583,399 B1	06-24-2003	Hunziker et al.	
	A3	US- 6,657,731 B2	12-02-2003	Tapalian et al.	
	A4	US- 6,781,696 B1	08-24-2004	Rosenberger et al.	
	A5	US- 6,795,481 B2	09-21-2004	Maleki et al.	
	A6	US- 2002/0018611 A1	02-14-2002	Maleki et al.	
	A7	US- 2002/0068018 A1	06-06-2002	Pepper et al.	
	A8	US- 2004/0023396 A1	02-05-2004	Boyd et al.	
	A9	US- 2004/0091212 A1	05-13-2004	Strecker et al.	
	A10	US- 2005/0263679 A1	12-01-2005	Fan et al.	
	A11	US- 2005/0265658 A1	12-01-2005	Fan et al.	

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
	B1	WO	01/67565 A1	09-13-2001			
	B2	WO	02/13337 A1	02-14-2002			
	B3	WO	2004/038370 A2	05-06-2004			
	B4						
	B5						

## OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	KAKARANTZAS, G., et al; "Miniature All-Fiber Devices Based on CO <sub>2</sub> Laser Microstructuring of Tapered Fibers", <i>Optics Letters</i> (Aug. 1, 2001); Vol. 26, No. 15; pp. 1137-1139.	
	C2	KNIGHT, J.C., et al; "Mapping Whispering-Gallery Modes in Microspheres with a Near-Field Probe", <i>Optics Letters</i> (Jul. 15, 1995); Vol. 20, No. 14; pp. 1515-1517.	
	C3	LUK, J.M.C., et al; "Rapid and Sensitive Detection of <i>Salmonella</i> (O : 6,7) by Immunomagnetic Monoclonal Antibody-Based Assays", <i>Journal of Immunological Methods</i> (1991); Vol.137; pp.1-8.	

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 2 of 2	Application Number	10/685208
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OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C4	MARTIN, A.L., et al; "Replica-Molded High-Q Polymer Microresonators", <i>Optics Letters</i> (March 15, 2004); Vol. 29, No. 6; pp. 533-535.	
	C5	PETTIPHER, G.L., et al; "Rapid Enumeration of Microorganisms in Foods by the Direct Epifluorescent Filter Technique", <i>Applied and Environmental Microbiology</i> (Oct. 1982); Vol.44, No.4; pp.809-813.	
	C6	PLOWMAN, T.E., et al; "Femtomolar Sensitivity Using a Channel-Etched Thin Film Waveguide Fluoroimmunosensor", <i>Biosensors &amp; Bioelectronics</i> (1996); Elsevier Science Ltd.; Vol.11, No.1/2; pp.149-160.	
	C7	POPESCU, A., et al; "The Gram Stain after More than a Century", <i>Biotechnic and Histochemistry</i> (1996); Vol. 71, No. 3; pp. 145-151.	
	C8	SUMETSKY, M., "Whispering-Gallery-Bottle Microcavities: the Three-Dimensional Etalon", <i>Optics Letters</i> (Jan. 1, 2004); Vol. 29, No. 1; pp. 8-10.	
	C9	TORTORELLO, M.L., et al; "Antibody-Direct Epifluorescent Filter Technique for Rapid, Direct Enumeration of <i>Escherichia coli</i> O157:H7 in Beef", <i>Applied and Environmental Microbiology</i> (Oct. 1994); Vol.60, No.10; pp. 3553-3559.	
	C10	TORTORELLO, M.L., et al; "Rapid Identification of <i>Escherichia coli</i> O157:H7 in Bovine Feces Using the Antibody-Direct Epifluorescent Filter Technique (Ab-DEFT)", <i>Veterinary Microbiology</i> (1996); Vol.51; pp. 343-349.	
	C11	VERNOOY, D.W., et al; "High-Q Measurements of Fused-Silica Microspheres in the Near Infrared", <i>Optics Letters</i> (Feb. 15, 1998); Vol. 23, No. 4; pp. 247-249.	
	C12	XU, G.; "Gram Stain", University of Pennsylvania Health System [on line]; [available on the internet on Oct. 31, 1997]; [retrieved from the internet on Dec. 15, 2004]; URL < <a href="http://www.uphs.upenn.edu/bugdrug/antibiotic_manual/gram.htm">http://www.uphs.upenn.edu/bugdrug/antibiotic_manual/gram.htm</a> >; pp. 10.	

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